



OMB#: 2050-0024 Expires 12-31-88

	, -DIV OF MARK CHARD PLANT	L IV CO.	FOR	THE CHO	U.S. ENVIRONMENTAL PROTECTION AGENCY  1987 Hazardous Waste Generation and Management Report  IDENTIFICATION AND CERTIFICATION
WHO MUST COMPLETE	E THIS FORM? STRUCTIONS:	Please read the deta and Management R Complete Sections	eport Instructions book	ning on pag det before d ions VI thro	ge 8 of the 1987 Hazardous Waste Generation completing this form.
SEC. Site name and physical I Mark X for items A, B, (					
A. Site/company name Same as label			B. EPA ID No. Same as label	· 🛚	
or → EAGLE SIGNAL  C. Address number and street name of phy Same as label XX  or →	rsical location - if not know				R00307855 RCRA RECORDS CENTER
D. City, town, village, etc. Same as label	E. County SCOT	Т	F. State Same as label or ——	G. Zi Sar	
SEC. Mailing address of site.  Mark X for A, B, C, and	d D if same as label;	if different, enter corn	ections.		RECEIVED
A. Number and street name of mailing adding same as label	ress				MAY 27 1988
or —→  B. City, town, village, etc.  Same as label			C. State Same as label or —		o Code IOWA SECTION me as label [[]
SEC. III. Name, title, and telepho	ne number of the pe	erson who should be			
A. Please print: Last name  ERICKSON	First name RICHARD	M.I. W.	SERVICES MANAGER	C. Tel	
services rendered at the	site's physical location	on. Enter more than o	ne SIC Code only if no c	one industry	o of products, produced or distributed, or the y description includes the combined activities pment and Management Report Codebook.

SEC V. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

13,4,6,9,

13,4,7,11

13,4,5,11

	and imprisonment.			
A. Please pr	int: Last name	First name	M.I.	Title
	ERICKSON	RICHARD	W •	SERVICES MANAGER
B. Signature		Wheeling		Date of signature

Page: N of 14

13 14 17 19 1

[3,4,4,9]

[3,4,4,4]

SEC	Danada	citade FDA ID exthering horsedeus wests generation?
SEC. VI.	Does th	s site's EPA ID authorize hazardous waste generation?
	NO	SKIP TO SECTION VII.
X		Did this site generate any hazardous waste during 1987?
	YES	—— READ DETAILED INSTRUCTION ON PAGE 4 OF THE 1987 HAZARDOUS WASTE GENERATION AND MANAGEMENT REPORT INSTRUCTIONS BOOKLET FOR <u>ACUTE</u> AND <u>ACCUMULATION</u> LIMITS. MARK X NEXT TO THE HAZARDOUS WASTE GENERATION QUANTITY CATEGORY THAT APPLIED TO THIS SITE DURING 1987.
		Category 1: More than 1000 kg (2,200 lb) in one or more months  Category 2: More than 100 kg (220 lb) but no more than 1000 kg (2,200 lb) in any single month  Category 3: No more than 100 kg (220 lb) in any single month
		Mark X if this site changed from Category 1 to Category 2 or 3 due to waste minimization activity conducted during 1986 or 1987.
	□ NO	——→ CONTINUE BELOW, MARK X NEXT TO ALL THAT APPLY.
		Consider the second control of the second control of the feeture MADK V FOR REACON IN ONE BOY BELOW
		<ul> <li>Waste was from one-time event(s) (e.g. spills, remedial actions, etc.)</li> <li>Waste minimization activity undertaken during 1986 or 1987</li> <li>Out of business</li> </ul>
		Generated hazardous waste prior to 1987 and expect to generate in the future
		AND THE POY BELOW
		Protective notifier only
		☐ Misunderstood the requirements ☐ Notified to secure transportation services
		Other EXPLAIN REASON FOR GENERATOR NOTIFICATION IN COMMENTS
L050	<i>3</i> -	
SEC. VII.	Does thi	s site have RCRA Interim Status or a RCRA permit to treat, store, or dispose hazardous waste?
	NO -	SKIP TO SECTION VIII
X	YES -	Did the site treat, store, or dispose (T/S/D) hazardous waste in RCRA-regulated units during 1987?
	X YE	S SKIP TO SECTION VIII
	□ NO	
		T/S/D excluded waste during 1987
		T/S/D hazardous waste in exempt units during 1987 T/S/D hazardous waste prior to 1987 but did not T/S/D waste during 1987. MARK X IN ONE BOX BELOW
	Ц	T/S/D will resume in the future
		Have notified of planned closure
		Site is in closure or post closure
		Never T/S/D hazardous waste prior to 1987 but: MARK ☒ IN ONE BOX BELOW
		Expect to T/S/D hazardous waste in the future
		Do not expect to T/S/D hazardous waste in the future - EXPLAIN REASON FOR INTERIM STATUS OR PERMIT IN COMMENTS
SEC. VIII.	Do you	wish to withdraw this site's generator notification or EPA Part A permit application?
	Withdraw	generator notification Yes XXNo
	Withdraw	Part A permit application Yes XXNo
SEC.		is site have an area not requiring a RCRA Part A or Part B permit that is used exclusively for the short term
IX.	accumu	lation of hazardous waste?
	NO NO	
	☐ YES	DOES THE AREA HAVE:
		Containers No Yes ENTER THE NUMBER OF TANKS AND THEIR TOTAL CAPACITY IN GALLONS.
		Number Gallon capacity
Com	ments:	
1		

Page 2 of \_\_14

## JANTED STATES U.S. ENVIRONMENTAL BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER: **PROTECTION AGENCY** SIT IAD051001337 EAGLE SIGNAL-DIV OF MARK IV CO. 1987 Hazardous Waste Generation ERICKSON, RICHARD PLANT ENGIN and Management Report 736 FEDERAL STREET **FORM** EP! DAVENPORT 52803 TA **WASTE GENERATION AND** GM MANAGEMENT WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987. Mark X if you are not required to complete Form GM. **INSTRUCTIONS:** Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form. Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987. Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. A. Waste description Instruction Page 12 Corrosive waste from Plating operations. B. EPA hazardous waste code C. State hazardous wests code Page 12 Page 13 $D_1 O_1 O_1 2_1$ I I N A L N A NA NA I NI A D. SIC code E. Source code F. Waste form code G. Waste minimization results 131417111 11101 Page 13 Page 13 H 1 1 0 Page 13 Page 13 B Sec. **Organics** B. Water **Total Solids** E. BTU D. Suspended Solids F. Toxic Metals Instruction Page 14 Page 15 Page 15 Page 15 Page 16 Page 18 LBI Test Low High High High High High Low 1 1 Low Test L Note D I DI ı Dı Note D Note Note HOM Note D G. pH H. Flashpoint Cyanides K. Radioactive Page 18 ... Page 18 Page 19 Page 20 Page 20 High L | F High 1 1.1 1 **\_\_\_-**-\_\_\_ Low L Note LAI Note LA Note LAJ D Note [] Sec. A. 1986 quantity generated B. 1987 quantity conerated C. UOM D. Density Instruction Page 20 Page 20 Code LA Page 21 Page 21 1111212101181 • [1 GHIOIL X the/gal gg T/S/D/R code F. On-site T/S/D/R code Page 21 1. LHL OL 11 2. LNA 3. LINIAI 4. LINIAI 5. LINIAI I NI AI 7. L IN IA INIAI A. EPA ID No. of facility to which waste was shipped Number of C. Transport D. Off-site T/S/D/R code E. Total Quantity shipped Instruction Page 22 Page 23 Page 23 Page 22 Page 23 M<sub>1</sub>I<sub>1</sub>D<sub>1</sub>O<sub>1</sub>9<sub>1</sub>8<sub>1</sub>O<sub>1</sub>1<sub>1</sub>1<sub>1</sub>9<sub>1</sub>9<sub>1</sub>2<sub>1</sub> 111 H $DK \cup NA$ Comments: of 14 Page 3

## BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL JANTED STATES U.S. ENVIRONMENTAL OR ENTER: PROTECTION AGENCY L SIT IAD051001337 EAGLE SIGNAL-DIV OF MARK IV CO. 1987 Hazardous Waste Generation ERICKSON, RICHARD PLANT ENGIN and Management Report 736 FEDERAL STREET **FORM** EP! DAVENPORT TA 52803 **WASTE GENERATION AND** $\mathbf{G}\mathsf{M}$ MANAGEMENT WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987. Mark X if you are not required to complete Form GM. **INSTRUCTIONS:** Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form. Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987. Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. Waste description Instruction Page 12 Plating pit waste B. EPA hazardous waste code C. State hazardous waste code Page 12 Page 13 18 0<sub>1</sub>0 Q F 0 0 6 D. SIC code E. Source code F. Waste form code G. Waste minimization results 3 4 7 1 1ρ, нио В Page 13 Page 13 Page 13 Page 13 Sec. **Organics** B. Water C. Total Solids D. Suspended Solids E. BTU F. Toxic Metals , B Instruction Page 14 Page 15 Page 15 Page 15 Page 16 Page 16 Test Low High High High High Low Low Test Note [D] Note D 1 D D Note UOM Note Note G. pH H. Flashpoint Cyanides Halogens Page 18 Page 19 Page 18 Page 20 Page 20 High \_\_\_\_\_\_\_ High | | | 1 High 4 Low Low $L^{D}$ I A $A_1$ Note Note A Note Test Sec. A. 1986 quantity generated B. 1987 quantity generated C. UOM D. Density E. Waste origin Instruction Page 20 Page 20 Page 21 Page 21 Page 21 Code [A] 181 • LL 1 1 131010101 LGI On-site HIOIL XX Ibe/gal gg T/S/D/R code On-site T/S/D/R code Page 21 1. 1 HI OI 11 2 L I N A 3. [NA] 4. NA 5. NA NA NA N A A. EPA ID No. of facility to which waste was shipped B. Number of C. Transport D. Off-site T/S/D/R code E. Total Quantity shipped Instruction Page 22 Page 23 Page 23 Page 23 Page 22 [I, L, D, O, O, O, 6, O, 8, 4, 7, 1] H $D_{L}K_{L}$ N A Comments: 4 14 Page of

BEFORE CÓPYING FORM, ATTACH SITE II OR ENTER:	DENTIFICATION LABEL		THITED STATES		ENVIRONMENTAL DESCRIPTION AGENCY
SIT IADO51001337  EAGLE SIGNAL-DIV OF MAI  ERICKSON, RICHARD PLANT  736 FEDERAL STREET			WALL MOTECIO		ardous Waste Generation Management Report
EP/ DAVENPORT IA	52803		FORM GM		E GENERATION AND MANAGEMENT
WHO MUST COMPLETE THIS FO	PRM? Form GM must hazardous waste	be completed off site during	by every site that 1987.	it generated haza	ardous waste on site or shipped
	Mark ⊠ if you are	not required	to complete Form	GM.	
INSTRUCTIO		e detailed ins Management F	structions beginning	ng on page 12 booklet before co	of the 1987 Hazardous Waste empleting this form.
	shipped off site of	during 1987.			ous waste generated on site or
			/. I hroughout this r "NA" if the informs		f the information requested is not not applicable.
Sec. A. Waste description Instruction Page 12 Waste city	hromic acid solu	ition use	d in Platin	g•	
B. EPA hazardous waste code Page 12			ate hazardous waste cod		
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	urce code ge 13 L	A F. Wa	aste form code age 13	H <sub>1</sub> 10	G. Waste minimization results Page 13
Coo la Commissión de la		Name of Street, or other Party of Street, or other Street	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.		
Sec. A. Organics Instruction Page 14  B. Water Page 15		spended Solids age 15	E. BTU Page 16		F. Toxic Metals Page 16 Note LCJ
	Page 15 Page	ge 15	Page 16		Page 16 Note [C]  Metal High Low Test  1. [T_ C_  L_A  L  L
I	Page 15 Page 1	ge 15	Page 16	Note D	Page 16 Note [C]  Metal High Low Test  1. [T_C] LA] L. [T]  2. [P_B] LU L. [T]
High L High L Low L Cow	Page 15 Page 15 Page 15 Page 15 Page 15	ge 15	Page 16 High Lil	Note D	Page 16 Note LC]  Metal High Low Test  1. TLC LA LT
I	Page 15 Page 15 Page 15 Page 19	ge 15 gh w oteD  J. Halogens	Page 16 High L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.L.	Note D	Page 16 Note C.J  Motal High Low Test  1. C.L. LA L. T.J  2. C.B. LI L. T.J  4. C.D. LV L. T.J  5. A.S. LW L. T.J
High   High   Low   Low   Test   Note   D   Note   D    G. pH Page 18   High   2 0 0 °F	Page 15 Page 15 Page 15 Page 15 Page 15 Page 19 Page 15 Page 15 Page 15 Page 15	ge 15 gh	Page 16  High L.L.  Low L.L.  UOM L.J.  K. Radion Page: Yes No	Note D	Page 16 Note C.]  Metal High Low Test  1. T.C. LA L. T.  2. P.B. LU L. T.  3. B.A. LU L. T.  4. C.D. V L. T.
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High	Page 15 Page 15 Page 15 Page 15 Page 15 Page 15 Page 16 Page 17 Page 18 Page 19 Page 19 Page 19 Page 19 Page 19 Page 19 Page 20 Page 2	ge 15 gh	Page 16 High L. Low L. L. Low L. L. Low L. L. Low Page 16 K. Radiou Page 1 Yes No Note C. UOM Page 21 G. L.	Note D	Page 16 Note C.]  Metal High Low Test  1. T.C. L.A. L. T.  2. P.B. L.U. L. T.  3. B.IA. L.II. L. T.  4. C.D. L.V. L. T.  5. A.S. L.W. L. T.  8. A.G. W. L. T.  E. Waste origin Page 21 Code A.
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High   High   Low   Test   Note   D   Note   D    G. pH   High   High   Low   D   Note   D    G. pH   Page 18   High   2   0   0   °F    Low   Low   Low   C   °F    Note   G   Note   G    Sec.   A. 1986 quantity generated   Instruction Page 20    F. On-site T/S/D/R code   Page 21   1.   H   0   1   2.   N   A   3.    Sec.   A. EPA ID No. of facility to which weste was shipped to the site of the site	Page 15 Page 1	ge 15 gh	Page 16 High L. Low L. L. L. Low L.	Note D  active 20  Density Page 21  Xiba/gal gg  A 7. Market Page	Page 16 Note C.  Metal High Low Test  1. T.C. LAI T.  2. P.B. LII T.  3. B.A. LII T.  4. C.D. V T.  5. A.S. W T.  6. A.G. W T.  E. Waste origin Page 21 Code A.  On-site H. O. I.  T/S/D/R code  Guaratity shipped
High   High   Low   Low   Test   Note   D   Note   D    G. pH   Page 18   High   2   0   0   °F    Low   Low   Low   Test   Note   D   Note   D    G. pH   Page 18   High   2   0   0   °F    Low   Low   Low   Low   C   °F    Note   G   Note   G    Sec.   A. 1986 quantity generated   Instruction Page 20    F. On-site T/S/D/R code   Page 21   1   H   0   1   2   1   N   A   3    Sec.   A. EPA ID No. of facility to which weste was shippy instruction Page 22	Page 15 Page 1	ge 15 gh	Page 16 High Low Lill Low Lill Low Lill K Radio Page: Yes No Note  C. UOM Page 21 G L  A  D. Off-site T/S/D/R co Page 23	Note D  active 20  Density Page 21  Xiba/gal gg  A 7. Market Page	Page 16 Note C.  Metal High Low Test  1. T.C. LAI T.  2. P.B. LU T.  3. B.A. LII T.  4. C.D. V T.  5. A.S. W T.  6. A.G. W T.  E. Waste origin Page 21 Code A.  On-site H. O. I.  T/S/D/R code  Cuantity shipped  23

BEFORE COPYING FORM, ATTACH SITE II OR ENTER:	DENTIFICATION LABEL	NA INVE	U. STAIRES U.	S. ENVIRONMENTAL ROTECTION AGENCY
SIT IADO51001337 EAGLE SIGNAL-DIV OF MAI ERICKSON, RICHARD PLANT 736 FEDERAL STREET EP/ DAVENPORT IA		- FC	1987 H ar	azardous Waste Generation ad Management Report STE GENERATION AND
			1141	MANAGEMENT
WHO MUST COMPLETE THIS FO		oe completed by eve off site during 1987.	ry site that generated ha	azardous waste on site or shipped
	Mark ⊠ if you are	not required to comp	lete Form GM.	
INSTRUCTIO	Generation and Make and comp shipped off site d Complete Section	Management Report In lete a photocopy of uring 1987. ns I through IV. Throu	structions booklet before this form for <u>each</u> haza	ardous waste generated on site or
Sec. A. Waste description Flammal	ble spent paint a	and solvents	used in paintin	o and
silksc	reening.		asea in paintin	ganu
B. EPA hazardous waste code Page 12		C. State hazardo	us waste code	
	ALLI LNIALLI			_INIAJI INIAJ
3 /1 / (1	urce code ge 13	F. Waste form co	H   8   2	G. Waste minimization results Page 13
				1 1 1 2
Sec. A. Organics Instruction Page 14  B. Water Page 15		pended Solids E. BTU pe 15 Page	16	F. Toxic Metals Page 16 Note
High L	High L Hig	h L High		Metal High Low Test
Test Note D Note D	Note D Note	- D	Note   D	2
G. pH H. Flashpoint	I. Cyanides	J. Halogens	K. Radioactive	3
Page 18  High	Page 19	Page 20	Page 20	4
High L High L F  Low L Low L OF	High []	High	Yes	
Note A Note B	Test Note A	Note D	Note D	® LLJ LJ LJ LJ
Sec. A. 1986 quantity generated	B. 1987 quantity generated	C. UOM	D. Density	E. Waste origin
III Instruction Page 20	Page 20	Page	21   Page 21   L • L	Page 21 Code A
			X ibs/gai ☐ sg	On-site <u>H</u> 0 1 1
F. On-site T/S/D/R code Page 21				
1. HO1 2. NA 3.	NA 4. NA	5. N A	6. <u>NA</u> 7. <u></u>	INIAI 8. INIAI
Sec. IV A. EPA ID No. of facility to which waste was ship Instruction Page 22	ped B. Number of C. shipments Page 22	Transport D. Off-site Page 23		otal Quantity shipped age 23
<u>K, Y, D, O, 8, 8, 4, 3, 8, 8, 1</u>			50 LNA L	11110
Comments:				

## UNITED STATES BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL U.S. ENVIRONMENTAL OR ENTER: **PROTECTION AGENCY** SIT IADO51001337 L EAGLE SIGNAL-DIV OF MARK IV CO. 1987 Hazardous Waste Generation ERICKSON, RICHARD PLANT ENGIN and Management Report 736 FEDERAL STREET **FORM** EP! DAVENPORT 52803 **WASTE GENERATION AND MANAGEMENT** WHO MUST COMPLETE THIS FORM? Form GM must be completed by every site that generated hazardous waste on site or shipped hazardous waste off site during 1987. Mark I if you are not required to complete Form GM. **INSTRUCTIONS:** Please read the detailed instructions beginning on page 12 of the 1987 Hazardous Waste Generation and Management Report Instructions booklet before completing this form. Make and complete a photocopy of this form for each hazardous waste generated on site or shipped off site during 1987. Complete Sections I through IV. Throughout this form enter "DK" if the information requested is not known or is not available; enter "NA" if the information requested is not applicable. A. Waste description Instruction Page 12 Cadmium waste from Plating operations. B. EPA hazardous waste code C. State hazardous waste code Page 12 Page 13 , D, O, O, 6, $N_{1}A_{1}$ $\bigcup$ $N_1A_1$ $N_1A_1 \cup N_1A_1 \cup N$ $\square$ $\square$ $\square$ $\square$ $\square$ $\square$ $\square$ D. SIC code E. Source code F. Waste form code G. Waste minimization results 1,0, H,1,0, 131.41.71 11 В Page 13 Page 13 Page 13 Page 13 Sec. A. Organics B. Water **Total Solids** D. Suspended Solids E. BTU F. Toxic Metals В 11 Instruction Page 14 Page 15 Page 15 Page 15 Page 16 Page 16 Test High High High Low Low lue Note $lue^{D}$ 1 1 $\mathbb{D}$ Test Note [D] Note LD1 UOM $\mathbf{D}_{\mathbf{I}}$ Note G. pH H. Flashpoint Page 18 Page 18 Page 19 Page 20 Page 20 High Yes ш $\mathbf{A}_{\mathbf{I}}$ $\mathbf{A}_{\mathbf{I}}$ , D Note [A] Note Sec. B. 1987 quantity generate A. 1986 quantity generated D. Density E. We Code A Instruction Page 20 Page 21 Page 21 Page 21 18J • L $\mathsf{L}^\mathsf{G}$ On-site H 1 0 1 \_\_ tbs/gal \_\_ sg T/S/D/R code F. On-site T/S/D/R code Page 21 1. H O 1 NA. N, A NA, 4. \_\_\_N A 5. L A. EPA ID No. of facility to which w C. Transport Number of D. Off-site T/S/D/R code E. Total Quantity shipped Page 23 Page 23 Page 22 Page 23 M I D O 9 8 0 1 1 9 9 2 , Н, $D_{\mathbf{K}}$ Comments: of $1\overline{4}$ Page 7

BEFORE COPYING FORM, ATTACH SITE IDENTIF OR ENTER:	ICATION LABEL	STATED STATES	U.S. ENVIRONMENTAL PROTECTION AGENCY
SITE NAM IADO51001337  EAGLE SIGNAL-DIV OF MA ERICKSON, RICHARD PLAN 736 FEDERAL STREET		THE PROTECTOR	1987 Hazardous Waste Generation and Management Report
EPA ID NC DAVENPORT IA	52803	FORM WR	WASTE RECEIVED FROM OFF SITE
WHO MUST COMPLETE THIS FORM?	Form WR must be comple during 1987.	ted by every site that r	received hazardous waste from an off-site source
XX	Mark ⊠ if you are not requi	red to complete Form V	WR.
INSTRUCTIONS:	Photocopy and complete hazardous wastes from off For each waste, complete	ent Report Instructions to additional copies of site during 1987. boxes A through J. Ti	g on page 24 of the 1987 Hazardous Waste booklet before completing this form.  this form if your site received more than two hroughout this form enter "DK" if the information "if the information is not applicable.
A. Description of hazardous waste Instruction Page 24	В.	EPA hazardous waste code Page 24	C. State hazardous waste code Page 25
1			
D. Off-site source EPA ID No. Page 25	E. 1987 Quantity received Page 25	F. UOM Page 28	G. Density Page 25
H. Waste form code I. Number of shipments Page 25	J. On-site T/S/D/R code Page 26  1	2 6	3
Waste 2 A. Description of hazardous waste Instruction Page 24	В.	EPA hazardous waste code Page 24	C. State hazardous waste code Page 25
D. Off-site source EPA ID No. Page 25 Same as above  Mark X if same as in Waste 1	E. 1987 Quantity received Page 25	F. UOM Page 25	G. Density Page 25
H. Waste form code I. Number of shipments Page 25	J. On-site T/S/D/R code Page 26  1  5	2 6	3
Comments:			
			Page 8 of 14

OR ENTER:  S IADI5100133 EAGLE SIGNA ERICKSON, F 736 FEDERAL DAVENPORT	L-DIV OF MARK IV RICHARD PLANT ENG	Form OI must be completed be received hazardous waste from Mark X if you are not required. Please read the detailed in Generation and Management Complete A through E for each received waste during 1987. Complete A through D for every complete A thr	m off site during 198 red to complete Form structions beginning t Report Instructions behavior off-site installation ery transporter you us	OI.  Jon page 27 of the 1987 Hazardous Waste pooklet before completing this form.  to which you shipped waste or from which you seed during the reporting year.
		Throughout this form enter "D "NA" if the information reques form if you need to identify m	sted is not applicable	requested is not known or is not available; enter b. Make and complete additional copies of this installations or transporters.
	8   4   3   8   8   1   7	B. Name of off-site installation or transpage 27  LWD INC.	porter	
C. Site type code Page 28	D. Site relationship code Page 28	E. Address of off-site installation Page 28 HWY 1523		
F	D	CALVERT CITY	State K	Y Zip 4 2 0 2 9 - 1
A. EPA ID No. of off-site Instruction page 27	e installation or transporter	B. Name of off-site installation or transp Page 27 CYANOKEM	porter	
C. Site type code Page 28	D. Site relationship code Page 28	E. Address of off-site installation Page 28 Street 12381 SCHAEFER	HIGHWAY	
F	D	City DETROIT	State M	I Zip
	0   6   0   8   4   7   1	B. Name of off-site installation or transp Page 27 CHEMCLEAR	porter	
C. Site type code Page 28	D. Site relationship code Page 28	E. Address of off-site installation Page 28	V 707 AVE	,
F	D	Street 11800 S. STONE City CHICAGO		L Zip Code [6:0:6:1:7]
Site A. EPA ID No. of off-site Instruction page 27	installation or transporter	Name of off-site installation or transp Page 27	porter	
C. Site type code Page 28	D. Site relationship code Page 28	E. Address of off-site installation Page 28		
		Street	State	Zip Code
Comments:				

SITE I	E COPYING FORM, ATTACH SITE IDITER:  IAD051001337  EAGLE SIGNAL-DIV OF MERICKSON, RICHARD PLATON TO THE PROPERTY OF THE PROPER	L MARK IV CO.	S. P. VINOMIRE MATERIAL AR	OTEC.	U.S. ENVIRO PROTECTIO 1987 Hazardous V and Manager	N AGENCY  Vaste Generation
EPA IC	DAVENPORT IA	52803	W		WASTE MIN	IMIZATION
			VV	IVI	PAF	RTI
WHO	MUST COMPLETE THIS FOR	be completed by	I, describing efforts und by all generators required response to statutory f 1984 (HSWA).	to file an Ani	nual/Biennial Report.	This requirement wa
		Uniform Hazard determined eco similar certifica storage, or dis	ators shipping hazardou dous Waste Manifest, tha pnomically practicable, that tion must also be mad posal permit. Consiste WM Part I, the efforts un	at they have a ne volume and e by generato nt with these	program in place to d toxicity of hazardou ors who have obtained certification requirement	reduce, to the degrees waste generated.  ed a RCRA treatmentents, generators must
	INSTRUCTION	NS: Please read the	e detailed instructions of eport Instructions bookle	n page 29 of	the 1987 Hazardous	
			ns 1 through 10. Throug available; enter "NA" if th			
1.	Did this site create or expan	d a source reductio	n and recycling prog	ram?		
		198 Yes		1986	Prior Yes	ears No
	Create	Yes	7	1986		
	Create Expan	Yes	7	1986 No		No
2.		Yes X	7 No Yes	1986 No X	Yes	No X
2.	Expan	Yes  X  d  Coolicy or statement to	7 No Yes	1986 No X	Yes	No  X  Ince reduction and
2.	Expan  Did this site have a <u>written</u> p	Yes  x  d  colicy or statement the?	7 No Yes	1986 No X Dijectives and	Yes  d methods for sou	No  X  Ince reduction and
2.	Expan  Did this site have a written precycling of hazardous wast	Yes  x  d  colicy or statement the?	7 No Yes	1986 No X Dijectives and	Yes  d methods for sou	No  X  Ince reduction and
2.	Expan  Did this site have a <u>written</u> p recycling of hazardous wast	Yes  X  d  colicy or statement the?  198  X  cof capital expenditu	7 No Yes	1986 No X bjectives and 1986 X ment) and c	Yes	No  X  Irce reduction and ears
	Did this site have a <u>written</u> precycling of hazardous wast  Yes  No  What was the dollar amount reduction and recycling of h	Yes  X  d  colicy or statement the?  198  x  of capital expendituation azardous waste? English	No Yes No Yes No Yes In I	1986 No X Dijectives and 1986 X Diment) and of IONE. 1986	Yes	No  X  Irce reduction and ears
	Expan  Did this site have a written precycling of hazardous wast  Yes  No  What was the dollar amount	Yes  X  d  Colicy or statement the?  198  X  Tof capital expenditure azardous waste?  198  198  198	No Yes No Yes No Yes In I	1986 No X Dijectives and 1986 X Diment) and of IONE. 1986 O	Yes	No  X  Irce reduction and ears
	Did this site have a <u>written</u> precycling of hazardous wast  Yes  No  What was the dollar amount reduction and recycling of h	Yes  X  d  colicy or statement the?  198  x  of capital expenditure azardous waste?  198  es  \$\frac{1}{2} \text{198}{2} \text{198}{2} \text{198}{2} \text{198}{2} \text{198}  es  \$\frac{1}{2} \text{198}{2} \text{198}	No Yes No Yes No Yes In I	1986 No X Dijectives and 1986 X Diment) and of IONE. 1986	Yes	No  X  Irce reduction and ears
	Did this site have a written precycling of hazardous wast  Yes  No  What was the dollar amount reduction and recycling of hazardous wast	Yes    X     d	No Yes No Yes No Yes I Description  hat outlined goals, or  nor provide incentive	bjectives and 1986    X	Yes	No  X  Ince reduction and ears  evoted to source ears  recognition, etc.)
3.	Did this site have a written precycling of hazardous wast  Yes  No  What was the dollar amount reduction and recycling of hazardous wast  Capital expenditure  Operating cos  Did this site have an employ	Yes  A Solicy or statement the stern statement	No Yes  No Yes  hat outlined goals, or  plant and equiper interest (plant and equiper interest interes	bjectives and 1986  Image: Specific spe	Yes	No  X  Irce reduction and ears  evoted to source ears  recognition, etc.)
3.	Did this site have a written precycling of hazardous wast  Yes  No  What was the dollar amount reduction and recycling of hazardous wast  Capital expenditure  Operating cos  Did this site have an employ to identify and implement so	Yes  A Solicy or statement the stern statement	No Yes No Yes hat outlined goals, o  res (plant and equipent ENTER ZERO (0) IF N  recycling opportunit  No Yes	1986 No X Dijectives and 1986 X Diment) and of IONE. 1986 O O es (bonuses, iies and active) 1986 No	Yes	No  X  Irce reduction and ears  evoted to source ears  recognition, etc.)
3.	Did this site have a written precycling of hazardous wast  Yes  No  What was the dollar amount reduction and recycling of hazardous wast  Capital expenditure  Operating cos  Did this site have an employ	Yes  A Solicy or statement the stern statement	No Yes  No Yes  hat outlined goals, or  plant and equiper interest (plant and equiper interest interes	bjectives and 1986  Image: Specific spe	Yes	No  X  Irce reduction and ears  evoted to source ears  recognition, etc.)

			19	987	19	86	Prior '	Years	
			Yes	No	Yes	No	Yes	No	
		Site-Wide		X	П	x		$\mathbf{x}$	
		Process-Specific	[x]	П	П	x	П	$\overline{\mathbf{x}}$	
6.		dentify or implement r waste generated at the		E REDUCTION	ON opportur	nities to redu	ce the volum	e and/or to	exicity
			19	987	19	86	Prior `	Years	
			Yes	No	Yes	No	Yes	No	
		Identify	X	en Toleran		X		X	
				X		X		X	
7.	TO ALL THA			mentation of		EDUCTION		. MARK 🛚	
7.		have delayed or preven	install new a rmation on ot economia apital invest a quality ma	ementation of source reduce source reduce cally feasible ment. y decline as	tion equipmention techniques: cost saving	EDUCTION of ent or impler lues, applica gs in waste r	ment new sou ble to my spe management	. MARK X	ion uction
	TO ALL THATE	have delayed or prevent APPLY.  Insufficient capital to practices.  Lack of technical information processes.  Source reduction is nowill not recover the care concern that product Technical limitations of Permitting burdens.	rmation on ot economiapital invest quality man of the produce the	mentation of source reduced source r	tion equipment of the cost saving a result of some sees.	ent or impler ues, applicates in waste reduction	ment new sou ble to my spe management ion.	. MARK X  urce reductive production or production of the control o	ion action tion

EPA ID NO	J.		0,0,5,1,0,0,1,3,	2 1/					
9.			s have delayed or prev L THAT APPLY.	vented imple	mentation of on	site or off-site	e RECYCLING	opportunities.	MARK X
		a.	Insufficient capital to	install new r	ecycling equipr	ment or impler	ment new recy	cling practices.	
		b.	Lack of technical info	ormation on r	recycling techn	iques applicat	ole to this site's	s specific produ	ıction
	X	C.	Recycling is not ecowill not recover the o	nomically fea	sible: cost sav	ings in waste	management o	or production	
		d.	Concern that produc			esult of recycli	ng.		
		e.	Requirements to mai	nifest wastes	inhibit shipmer	nts off site for	recycling.		
		f.	Financial liability pro	visions inhibi	t shipments off	site for recycl	ing.		
		g.	Technical limitations	of product p	rocesses inhibi	t shipments of	ff site for recyc	oling.	
		h.	Technical limitations	of productio	n processes inh	nibit on-site re	cycling.		
		i.	Permitting burdens in	nhibit recyclir	ng.				
		j.	Lack of permitted off	-site recyclin	g facilities.				
		k.	Unable to identify a r	narket for red	cyclable materia	als.			
£		I	Other (SPECIFY)						
	recy	cling pra	actices from any of the	1987		NEXT TO		PLY. Prior Y Technical	ears Financial
	a.	Local go	overnment						
1	b.	State go	overnment						
			government						
	C.	Federal							
	c. d. e.	Federal Trade as	government ssociations onal institutions						
	c. d. e. f.	Federal Trade as Education Supplies	government ssociations onal institutions rs						
	c. d. e. f. g.	Federal Trade as Education Supplies Other pa	government ssociations onal institutions rs arts of your firm						
	c. d. e. f. g.	Federal Trade as Education Supplies Other pa	government ssociations onal institutions rs						
	c. d. e. f. g. h.	Federal Trade as Education Supplier Other pa	government ssociations onal institutions rs arts of your firm						
	c. d. e. f. g. h.	Federal Trade as Education Supplier Other pa Other fir	government ssociations onal institutions rs arts of your firm rms/consultants						
Co	c. d. e. f. g. h. i.	Federal Trade as Education Supplier Other pa Other fir No reque Other (content)	government ssociations onal institutions rs arts of your firm rms/consultants uest made						
Co	c. d. e. f. g. h.	Federal Trade as Education Supplier Other pa Other fir No reque Other (content)	government ssociations onal institutions rs arts of your firm rms/consultants uest made						
Со	c. d. e. f. g. h. i.	Federal Trade as Education Supplier Other pa Other fir No reque Other (content)	government ssociations onal institutions rs arts of your firm rms/consultants uest made						

resulted in waste mini  Waste minimization m	neans:	AGENCY ste Generation nt Report IZATION I
(1) reduction in the verification; and/or, (2) reduction in the verification in the verification; (2) reduction in the verification; and verification in the verification; (2) reduction in the verification; and/or, (2) reduction in the verification; and verification in the verification in t	volume and/or toxicity of hazardous waste generated as volume and/or toxicity of hazardous waste subsequently of on-site or off-site recycling.  Implete this form if no waste minimization results were achievabled instructions beginning on page 30 of the 1987 gement Report Instructions booklet before completing this of photocopy of this form for each hazardous waste minimize through IV. Throughout this form enter "DK" if the information be; enter "NA" if the information requested is not applicable.	treated, stored, or eved during 1987.  Hazardous Waste form.  d in 1987.
Sec. A. EPA hazardous waste code Instruction Page 31  E. Waste form code Page 31  E. Waste form code Page 32  F. UOM Page 32	er service description	D. Product or service SIC code Page 31
E. Waste minimization: recycling Page 35  Code  Quantity recycled  1	C. Production ratio Page 33  D. Toxicity change code Page 35  F. Waste minimization: source reduction Page 36  Code  Quantity prevented  1.	
Sec. III  A. Narrative description of waste minimization project or activity and results achieved Instruction Page 43		

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Sec. IV.	Instructions: Answer questions 1 through 4. Mark 🗵 next to the effects produced by the source reduction and/or recycling activity reported on this form in Sections I through III.
1.	What effect did this site's source reduction and/or recycling activity have on the quantity of water effluent produced by hazardous waste generation processes during 1987?
	a. Increase in the quantity of water effluent
	b. Decrease in the quantity of water effluent
	c. No effect on the quantity of water effluent
	d. Don't know
2.	What effect did this site's source reduction and/or recycling activity have on the <b>toxicity</b> of <b>water effluent</b> produced by hazardous waste generation processes during 1987?
	a. Increase in the concentration of hazardous constituents
	b. Decrease in the concentration of hazardous constituents
	c. No effect on the concentration of hazardous constituents
	d. Don't know
3.	What effect did this site's source reduction and/or recycling activity have on the quantity of air emissions produced by hazardous waste generation processes during 1987?
	a. Increase in the quantity of air emissions
	b. Decrease in the quantity of air emissions
	c. No effect on the quantity of air emissions
	d. Don't know
4.	What effect did this site's source reduction and/or recycling activity have on the <b>toxicity</b> of the <b>air emissions</b> produced by hazardous waste generation processes during 1987?
	a. Increase in the concentration of hazardous constituents
	b. Decrease in the concentration of hazardous constituents
	c. No effect on the concentration of hazardous constituents
	d. Don't know
	Comments: